

CA

19

Dust elimination in making Dies shapes. B. A. Kozin  
(Kuznetsk Met. Works, Kuznetsk). *Ogneupory* 19, 23-24 (1960).—Wet grinding is recommended. B. Z. K.

KOGAN, Ye. A.

Refractories, Equipment Mar 52

"On The Selection of Kilns for Firing Grog," Ye. A. Kogan, Eng., Kuznetsk Metallurgical Combine, P. O. Vasilievskiy, Eng., Bogdanovich Plant

"Ogneupory" No 3, pp 103-107 and 108-110

Two separate articles, one by each author, dealing with adaptability of various kilns for firing clay to obtain hard-burned grog, are final stage of discussion initiated in "Ogneupory" No 9, 1951. Rotary kilns are recognized as most productive, permitting mechanization and automatic control of production. But improvements in construction of

Refractories, Equipment (Contd) Mar 52

shaft kilns, widely used in refractory plants, allow possibility for using this type of kiln also. Circular and periodic kilns are completely unsuitable for grog firing.

204723

KOGON, Ye.A., inzh.

Manufacture and service of chrome-magnesite bricks. Ognepory  
19 no.2:60-70 '54. (MIRA 11:8)

1. Kuznetskiy metallurgicheskiy kombinat.  
(Firebrick--Testing)

Kogan, Ye. A.

BARDIN, I.P.; BORISOV, A.F.; BELAN, R.V.; YERMOLAYEV, G.I.; VAYSHBERG, L.E.;  
ZHEREBIN, B.N.; BORODULIN, A.I.; SHAROV, G.V.; DOMNITSKIY, I.P.; CHUSOV, F.P.  
SOROKO, L.N.; KLIMASENKO, L.S.; PAVLOVSKIY, S.I.; ZIL'BERSHTAYN, M.B.;  
LYULENKOV, I.S.; NIKULINSKIY, I.D.; BRAGINSKIY, I.A.; SALOV, Ye.M.;  
TROSHIN, N.F.; PETRIKHEYEV, V.I.; ARGUNOV, M.I.; DUL'NEV, F.S.; BIDULYA, L.N.  
GAYNANOV, S.A.; FROLOV, N.P.; VINICHENKO, V.S.; KOGAN, Ye.A.

G.E.Kazarnovskii; obituary. Stal' 15 no.8:757 Ag'55. (MIRA 8:11)  
(Kazarnovskii, Grigoriï Efimovich, 1887-1955)

"APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723620006-5

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87421  
S/153/60/003/004/013/040/XX  
B020/B054

2209

5.4210 (1273, 1320, 1043)

AUTHORS:

Yarym-Agayev, N. L., Kogan, Ye. A.

TITLE:

Method of Calculating the Pressure of Saturated Vapor  
From Its Composition for Two-component Systems

PERIODICAL:

Izvestiya vysshikh uchebnykh zavedeniy. Khimiya i  
khimicheskaya tekhnologiya, 1960, Vol. 3, No. 4,  
pp. 625 - 629

TEXT: The authors described earlier (Ref.1) a simple method of deter-  
mining the composition of saturated vapor of a binary system, for which  
only small amounts of substance were required, whose accuracy, however,  
was not inferior to that of other methods. The data obtained by this  
method can be used to calculate the pressure of saturated vapor; a cor-  
responding procedure is described in the present paper. The method sug-  
gested is based on the modified Gibbs-Duhem equation. The authors de-  
rive the equation

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$$\log P = \log P_1^0 - \log y_1 - \left( \frac{1}{2} \cdot \frac{y_2}{y_1} \right) \left( \frac{x_2}{y_1} \right)^2$$



Method of Calculating the Pressure of  
Saturated Vapor From Its Composition  
for Two-component Systems

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the molar fraction of the second component in the liquid phase,  $y_1$  the molar fraction of the first, and  $y_2$  the molar fraction of the second component in the vapor phase,  $P$  is the total pressure of the saturated vapor, and  $P_1^0$  the pressure of the saturated vapor of the first component at the given temperature. The pressure of the saturated vapor of only the one pure component at the given temperature, and the dependence of the composition of the saturated vapor on the composition of the liquid phase must be known for the calculation from equation(4). To plot the entire isotherm for vapor pressure, as well as for the vapor pressure over mixtures with a larger fraction of the second component, the authors derive the equation

$$\log P = \log P_{az} + \log y_1(az) - \log y_1 - (1/2.303) \int_{y_2(az)}^{y_2} \left[ x_2 / (y_1 y_2 dy_2) \right] \quad (5),$$

where  $y_2(az)$  is the composition, and  $P_{az}$  the pressure of the azeotropic

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Method of Calculating the Pressure of  
Saturated Vapor From Its Composition  
for Two-component Systems

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B020/B054

mixture. To check the method described, they calculated the pressure of saturated vapor in two binary systems:  $H_2O - HCl$  and  $(C_2H_5)_2O - C_2H_5OH$ , which differ considerably from the ideal ones. The compositions of the liquid and gaseous phase at  $25^\circ C$  found in Ref.1 were used for the calculation. The curve  $z = f(y_2)$  (Fig.) was plotted on the basis of data on the composition of equilibrium phases and the values for the function  $z$  under the integral for the system  $H_2O - HCl$  at  $25^\circ C$  (Table 1).

The pressure of saturated vapor was calculated on the basis of the calculated area (S) between the curve, the coordinate axes, and the variable ordinate  $y_1$  from equation (4). Table 2 gives the values of the integrals (areas) S and the values calculated for the total vapor pressure P. The published experimental values of vapor pressure for the binary system studied are given for comparison. The composition of equilibrium phases, and the pressure of saturated vapor of the system ethyl ether - ethyl alcohol at  $0^\circ C$  on the basis of similar calculations are given in Table 3. There are 1 figure, 3 tables, and 10 references:

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87421

Method of Calculating the Pressure of  
Saturated Vapor From Its Composition  
for Two-component Systems

S/153/60/003/004/013/040/XX  
B020/B054

9 Soviet and 1 Swiss.

ASSOCIATION: Donetskiy politekhnicheskii institut, kafedra fizicheskoy  
khimii, kafedra obshchey khimii (Donets Polytechnic  
Institute, Department of Physical Chemistry, Department  
of General Chemistry)

SUBMITTED: October 28, 1958

Card 4/4

YARYM-AGAYEV, N.L.; RUDIN, V.Ya.; TITOVA, V.A.; KOGAN, Ye.A. (Stalino)

Orthobaric heats of mixing of pyridine and water vapors. Zhur.-  
fiz.khim. 35 no.10:2285-2290 0 '61. (MIRA 14:11)

1. Donetskii politekhnicheskii institut.  
(Pyridine) (Water vapor) (Heat of mixing)

YARYM-AGAYEV, N.L.; KOGAN, Ye.A.; SOLDATOVA, Ye.D. (Donetsk)

Calculation of the saturated vapor pressure in binary systems  
in which the chemical interaction between components occurs  
in the vapor phase. Zhur. fiz. khim. 36 no.6:1173-1179 Je'62  
(MIRA 17:7)

1. Donetskii politekhnicheskii institut i Institut gornogo  
dela AN UkrSSR.

YEVDCKIMOV, D.Ya.; KOGAN, Ye.A.

Solubility of germanium dioxide in water at various temperatures. Ukr. khim. zhur. 29 no.10:1020-1022 '63.  
(MIRA 17:1)

1. Odesskiy elektrotekhnicheskiy institut svyazi.

YARIM-AGAYEV, N.L.; KOGAN, Ye.A.; RUDIN, V.Ye.; TITOVA, V.A.

Orthobaric heats of mixing of pyridine and acetic acid vapors. Zhur.fiz.  
khim. 37 no.7:1445-1449 J1 '63. (MIRA 17:2)

1. Donetskii politekhnicheskii institut.

KOGAN, Ye.A.; YARYM-AGAYEV, N.L.; MAYBORODA, N.F.

Calculation of saturated vapor pressure in binary systems in the case  
of chemical interaction between components in the vapor phase. Part 2.  
Zhur.fiz.khim. 37 no.7:1539-1544 J1 '63. (MIRA 17:2)

1. Donetskii politekhnicheskii institut.



VALEYEV, A.I.; KOGAN, Ye.A.; STANKEVICH, Ye.S.

Effect of stelazine on the mental state and the course of cholinergic processes in the organism of schizophrenias. Nauch. trudy Kaz. gos. med. inst. 14:381-382 '64. (MIRA 18:9)

1. Kafedra psikhiatrii (zav. -- prof. M.P.Andreyev) i tsentral'naya nauchno-issledovatel'skaya laboratoriya (zav. -- S.V.Senkevich) Kazanskogo meditsinskogo instituta.

YEVDOKIMOV, D. Ya.; KOGAN, Ye.A.

Solubility of germanium dioxide in aqueous solutions of oxalic acid. Zhur. neorg. khim. 9 no.11:2634-2638 N '64 (MIRA 18:1)

VERIZHENKO, Yevgeniy Petrovich; LIVSHITS, Yakov Davidovich;  
~~KOGAN, Ya. G.~~, prepodavatel', retsenzent; BOCHAROVA,  
Yu. F., red.

[Statics of structures] Statika sooruzhenii. 4. izd. Moskva,  
Vysshaia shkola, 1965. 323 p. (MIRA 19:1)

1. Moskovskiy arkhitekturno-stroitel'nyy tekhnikum (for  
Kogan).

KOGAN, Ye. L., ingh. (Tambov).

Using AGM cranes for loading rails. Put' 1 put. khos. no. 2:19 P  
'58. (MIRA 11:3)

(Railroads--Rails) (Cranes, derricks, etc.)

КОГАН, Ye. L.

КОГАН, Ye. L.

From the experience of servicing cable installations of  
metropolitan telephone exchanges. Vest.sviazi 18 no.1:21-22  
Ja '58.

(MIRA 11:1)

1. Nachal'nik oddela lineynykh soorusheniy Upravleniya Leningradskoy  
gorodskoy telefonnoy seti.  
(Telephone cables)

MATSKEVICH, Vladimir Vladimirovich; SIMONYAN, M.N., otv. za vypusk;  
BALAYEV, A.A., red.; KOGAN, Ye.L., red.; SAVCHENKO, Ye.V.,  
tekhn.red.

[Lenin's "cooperative plan" and the struggle of the Communist Party for the rapid development of agriculture] Leninskii kooperativnyi plan i bor'ba kommunisticheskoi partii za krutoi pod'em sel'skogo khozyaystva; leksiia iz tsikla "Leninskikh chtenii," pročitannaia v Kremlevskom teatre g. Moskvy. Moskva, Izd-vo "Znanie," 1960. 32 p. (Vsesoiuznoe obshchestvo po rasprostraneniui politicheskikh i nauchnykh znani, Ser.12, Bibliotekhka sel'skogo lektora, no.11). (MIRA 13:8)

1. Ministr sel'skogo khozyaystva SSSR (for Matskevich). 2. Referent Pravleniya Vsesoyuznogo obshchestva po rasprostraneniui politicheskikh i nauchnykh znaniy (for Simonyan).  
(Cooperation) (Agriculture)

KORNIYENKO, Viktor Trofimovich; DAVIDOV, V.S., red.; KOGAN,  
Ye.L., red.; ATROSHCHENKO, L.Ye., tekhn. red.

[Price and national consumption] TSena i narodnoe potreb-  
lenie. Moskva, Izd-vo "Znanie," 1963. 31 p. (Novoe v zhiz-  
ni, nauke, tekhnike. III Seriya: Ekonomika, no.18)

(MIRA 16:12)

(Consumption (Economics)) (Prices)

FEDOROVICH, Mikhail Mikbaylovich, doktor ekon. nauk; KOREN'KOV, A.M.,  
red.; KOGAN, Ye.L., red.; RAKITIN, I.T., tekhn. red.

[Cybernetics in economics; the economic efficiency of applying cybernetics in the national economy] Kibernetika v ekonomike; ob ekonomicheskoi effektivnosti primeneniia kibernetiki v narodnom khoziaistve. Moskva, Izd-vo "Znanie," 1963. 43 p. (Novoe v zhizni, nauke, tekhnike. III Seria; Ekonomika, no.24) (MIRA 17:1)

(Automation)



KOMAROV, Fedor Vasil'yevich; RUMYANTSEV, S.N., red.; KOGAN, Ye.L.,  
red.; NAZAROVA, A.S., tekhn. red.

[Machines help to administrate] Mashiny pomogaiut uprav-  
liat'. Moskva, Izd-vo "Znanie," 1963. 37 p. (Novoe v  
zhizni, nauke, tekhnike. III Seriya: Ekonomika, no.23)  
(MIRA 17:1)

BERKOV, Yevgeniy Aleksandrovich; BZHILYANSKIY, Yu.A., red.; KOGAN, Ye.L., red.; KUDRYAVTSEVA, O.V., tekhn. red.

[Planning capital construction] Planirovanie kapital'nogo stroitel'stva. Moskva, Izd-vo "Znanie," 1963. 32 p.  
(MIRA 17:1)

(Construction industry) (Capital investments)

ISHUTIN, Mikhail Ivanovich, kand. ekon. nauk; KOGAN, Ye.L.,  
red.; NAZAROVA, A.S., tekhn. red.

[National income of the U.S.S.R.] Natsional'nyi dokhod  
SSSR. Moskva, Izd-vo "Znanie," 1964. 46 p. (Novoe v  
zhizni, nauke, tekhnike. III Seriya: Ekonomika, no.1)  
(MIRA 17:2)

DVORIN, Il'ya Naumovich, doktor ekon. nauk; KOGAN, Ye.L., red.

[Will technology save them? A criticism of "technological" theories in bourgeois economics] Spaset li ikh tekhnika? Kritika "Tekhnologicheskikh" teorii v burzhuaznoi priti-cheskoi ekonomii. Moskva, Izd-vo "Znanie," 1964. 39 p. (Novoe v zhizni, nauke, tekhnike. III Seriya: Ekonomika, no.13) (MIRA 17:7)

GAMBORSKIY, Georgiy Ivanovich; FOMICHEV, Viktor Ivanovich;  
KOGAN, Ye.L., red.

[Use of synthetic materials in industry] Sinteticheskie  
materialy - v promyshlennost'. Moskva, Izd-vo "Znanie,"  
1964. 31 p. (Novoe v zhizni, nauke, tekhnike. III Seriya:  
Ekonomika, no.15) (MIRA 17:8)

SAPOV, Gennadiy Vasil'yevich, kand. ekon. nauk; KOGAN, Ye.L., red.

[Chemistry and public welfare] Khimiia i narodnoe blagosostoiianie. Moskva, Znanie, 1964. 39 p. (Novoe v zhizni, nauke, tekhnike. III Seriia: Ekonomika, no.18)

(MIRA 17:9)

MIKUL'SKIY, Konstantin Ivanovich, kand. ekon. nauk; KUGAN, Ye.I.,  
red.

[In the council of equals; on the structural shifts in the  
economy of the European socialist countries participating  
in the Mutual Economic Assistance Council] V soдруzhestve  
ravnnykh; o strukturnykh sдvigakh v ekonomike evropeiskikh  
sotsialisticheskikh stran - chlenov Soveta Ekonomicheskoi  
Vzaimopomoshchi. Moskva, Izd-vo "Finans", 1964. 30 p.  
(Izvoe v zhizni, nauke, tekhnike. III Seriya: Ekonomika,  
no.20)  
(MIRA 17:10)

AKHMEYEV, Guriy Nikolayevich, kand. ekon.nauk; KOZAN, Ye.L., red.

[Labor cooperation] Kooperatsiia truda. Moskva, Znanie,  
1964. 31 p. (Novoe v zhizni, nauke, tekhnike. III Seriya:  
Ekonomika, no.21) (MIRA 17:11)



VASIL'YEV, Gennadiy Anatol'yevich; KOGAN, Ye.L., red.

[Effectiveness of automation] Effektivnost' avtomatizatsii. Moskva, Znanie, 1964. 38 p. (Novoe v zhizni, nauke, tekhnike. III Seriya: Ekonomika, no.19) (MIRA 17:11)

CHUKHNO, Anatoliy Andreyevich, , doktor ekon. nauk, prof.;  
KOGAN, Ye.L., red.

[Labor incentives] Stimuly k trudu. Moskva, Znanie,  
1964. 31 p. (Novoe v zhizni, nauke, tekhnike. III Seriya:  
Ekonomika, no.22) (MIRA 18:1)

SOKOLINA, Yelena Dmitriyevna; KOGAN, Ye.L., red.

[From a multiple-line production plant to a specialized one] Ot universal'nogo zavoda - k spetsializirovannomu. Moskva, Izd-vo "Znanie," 1965. 31 p. (Novoe v zhizni, nauke, tekhnike. III Seriya: Ekonomika, no.4)  
(MIRA 18:3)

UKHOV, Nikolay Nikolayevich; SHIBANOV, Anatoliy Andreyevich;  
KOGAN, Ye.L., red.

[Reliable and durable] Nadezhno, dolgovechno. Moskva,  
Izd-vo "Znanie," 1965. 30 p. (Novoe v zhizni, nauke,  
tekhnike. III Seriya: Ekonomika, no.10).

(MIRA 18:5)

POPOV, Aleksandr Ivanovich; KOGAN, Ye.L., red.

[Automation and labor] Avtomatizatsiia i trud. Moskva,  
Znanie, 1965. 31 p. (Novoe v zhizni, nauke, tekhnike.  
III Seria: Ekonomika, no.15) (MIRA 18:7)

BOR, Mikhail Zakharovich; KOGAN, Ye.L., red.

[Myths and reality] Mify i deistvitel'nost'. Moskva,  
Znanie, 1965. 46 p. (Novoe v zhizni, nauke, tekhnike.  
III Seriya: Ekonomika, no.14) (MIRA 18:8)

IL'IN, Sergey Sergcyevich; KOGAN, Ye.L., red.

[How chemistry benefits production; the role of chemicalization in creating the material and technical foundation of communism] Khimiia - proizvodstvu; rol' khimizatsii v sozdani material'no-tekhnicheskoi bazy kommunizma. Moskva, Znaniie, 1965. 47 p. (Novoe v zhizni, nauke, tekhnike. III Seriia: Ekonomika, no.12) (MIRA 18:7)

KOSTIN, Leonid Alekseyevich; KOGAN, Ye.L., red.

[Material encouragement of technological progress] Material'noe stimulirovanie tekhnicheskogo progressa. Moskva, Znanie, 1965. 46 p. (Novoe v zhizni, nauke, tekhnike. III Seriya: Ekonomika, no.21) (MIRA 18:10)



KOGAN, Ye. O.

"Investigation in the Field of Modernization of Frame Filter Press Installations." Sub 11 Oct 51, Moscow Inst of Chemical Machine Building

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55

*KOGAN, Ye. O.*

GOLOVIN, P.V.; KOGAN, Ye.O.

Increasing the productivity of plate and frame presses. Sakh.prom.  
28 no.5:12-14 '54. (MIRA 7:9)

1. Kiyevskiy tekhnologicheskii institut pishchevoy promyshlennosti.  
(Sugar machinery)

KOGAN, Ye. S.

42740. FOLYAK, B. L., VOLKOV, V. V., i KOGAN, Ye. S. O Daystvií Novogo Sovetskogo Preparata Furamona Na Zdorovyy I Glaukوماتoznyy Glaz. Oftalmol. Zhurnal, 1948, No 3, s. 126-32.

SO: Lotopis' Zhurnal'nykh Statey, Vol. 7, 1949



KOGAN, Yu., inzh.

For everyday life. Nauka i zhizn' 28 no.10:72-73 0 '61.  
(Electrification) (MIRA 15:1)

1. KOGAN, Yu.
2. USSR (600)
4. Siberia - Lumbering
7. Truck-trailer for transporting lumber in Siberia. Les. prom. 12 no. 12, 1952.
9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

KOGAN, Yu.A., kandidat tekhnicheskikh nauk; RESHETOV, A.V., inzhener.

Hauling of tree-length logs with ZIS-21 double-axle truck trailers. Mekh.  
trud.rab. 7 no.7:20-22 JI '53. (MLBA 6:7)

(Lumber--Transportation)

*KOGAN Yu. A.*

VOZNESENSKIY, Nikolay Petrovich, prof., doktor tekhn.nauk; ZAYCHIK, Gertsel' Il'ich, prof., doktor tekhn.nauk; KOGAN, Yu. A., kand.tekhn.nauk, dots., retsenzent; BABUSHKIN, I.N., red.; PITERMAN, Ye.L., red. izd-va; GORYUNOVA, L.K., red.izd-va; SHITS, V.P., tekhn.red.

[Logging tractors and trucks] Lesovoznye traktory i avtomobili.  
Moskva, Goslesbunizdat. Pt.1. [Heavy machinery] Tiagovye mashiny.  
1958. 439 p. (MIRA 11:6)  
(Tractors) (Motortrucks)



AUTHOR: Kogan, Yu.A., Candidate of Technical Sciences SOV/113-58-4-3/21

TITLE: The Resistance of Overhead-Valve Gas-Distributing Mechanisms to Vibration (Ustoychivost' verkhneklapannykh gazoraspre-delitel'nykh mekhanizmov protiv vibratsii)

PERIODICAL: Avtomobil'naya promyshlennost', 1958, Nr 4, pp 8-11 (USSR)

ABSTRACT: The increase of specific power output and fuel economy leads to a continuous increase in the number of revolutions and the application of a gas-distributing mechanism in automobile engines. In most overhead-valve engines the camshafts are situated underneath. Here the parts are subject to vibrations which disturb the gas distribution and lead to breakage. NAMI has designed a test installation (Figure 1) for determining the parameters of the gas-distributing mechanism, which guarantee its minimum vibration. The device is described. Mathematical calculations of the valve operations are presented and oscillograms of valve speeds (Figure 3) and speeds obtained at valve vibrations (Figure 7) are discussed. These results are graphically applied to the performance of the NAMI-O21 engine (Figure 5). Experimental results from the tested mechanism are given in Figure 6.

Card 1/2

SOV/113-58-4-3/21

The Resistance of Overhead-Valve Gas-Distributing Mechanisms to Vibration

The author concludes that the correct selection of the parameters for the design of parts will assist in considerably increasing the resistance of the gas-distributing mechanism to vibrations. This should be taken into consideration when new models of booster engines are projected. There are 2 diagrams and 5 graphs.

ASSOCIATION: NAMI

1. Internal combustion engines--Design
2. Internal combustion engines--Vibration
3. Internal combustion engines--Performance
4. Valves--Operation
5. Gas--Performance

Card 2/2

KOGAN, Yu.A., kand.tekhn.nauk

Determining profiles of cams with a smooth change of acceleration.  
Avt.prom. no.12:7-9 D '60. (MIRA 13:12)

1. Gosudarstvennyy soyuznyy ordena Trudovogo Krasnogo Znameni  
nauchno-issledovatel'skiy avtomobil'nyy avtomotorny institut.  
(Cam)

ADAMOVICH, A.V.; KOGAN, Yu.A.

Testing overhead-valve gas-distributing mechanisms of high-speed engines. Avt.prom. 27 no.12:8-10 D '61. (MIRA 15:1)

1. Nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy institut.  
(Gas and oil engines--Testing)

KOGAN, Yu.A., dotsent, kand.tekhn.nauk

Determining structural parameters of the gas-distribution mechanism  
of high-speed piston engines. Vest.mash. 41 no.4:32-35 Ap '61.

(Gas and oil engines)

(MIRA 14:3)

SHLYAMIN, A.I., kand.tekhn.nauk; DUBOVA, T.N., kand.tekhn.nauk;  
Prinimali uchastiyet: MADATOV, N.M., inzh.; TREPOV, P.V., inzh.;  
KUSHNAREV, D.M., kand.tekhn.nauk; KOGAN, Yu.A., inzh.

Semiautomatic underwater welding. Svar. proizv. no.7:25-28  
Jl '61. (MIRA 14:6)

(Underwater welding and cutting)

KOGAN, Yu.A., kand.tekhn.nauk

Determining the torsional oscillations and parameters of oscillation dampers for new engines. Avt. prom. 27 no. 5:15-17 My '61.

(MIRA 14:5)

1. Gosudarstvennyy soyuznyy ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy institut.  
(Automotibles---Engines)

DUBOVA, T.N., kand.tekhn.nauk; KOGAN, Yu.A., inzh.; IVANOV, M.I., inzh.

New design of hoses for semiautomatic welding machines.

Svar. proizv. no.9:32 8'62.

(MIRA 15:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrosvarochnogo oborudovaniya (for Dubova, Kogan). 2. Leningradskiy staleprokatnyy zavod (for Ivanov).

(Electric welding—Equipment and supplies)



KOGAN, Yu.A., kand.tekhn.nauk

Investigating the movement of the ZIL-111 engine valves. Avt.prom.  
28 no.8:10-11 Ag 42. (MIRA 16:3)

1. Gosudarstvennyy soyuznyy ordena Trudovogo Krasnogo Znameni  
nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy institut.  
(Motortrucks—Engines—Valves)

KOGAN - Yu. I.

SOV/137-58-8-18033

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 8, p 261 (USSR)

AUTHORS: Kuznetsov, V. D., Loskutov, A. I., Kogan, Yu. I.

TITLE: Effect of Lubrication on the Process of Scratching of Metals  
(Vliyaniye smazok na protsess tsarapaniya metallov)

PERIODICAL: Izv. vyssh. uchebn. zavedeniy. Fizika, 1957, Nr 1, pp 32-35

ABSTRACT: The hardness of Cd, Al, Zn, and brass was measured by the method of scratching by a cone of ShKh15 steel having a 90° apex angle and a 15  $\mu$  radius of tip curvature in the dry state, in refined transformer oil (inactive medium), and in a 0.2% solution of oleic acid in transformer oil (active medium). It was established, that the presence of any lubrication leads to a decrease in hardness, which indicates the prevailing lubricating action of media in the process of scratching.

1. Metals--Mechanical properties  
2. Metals--Test methods 3. Lubrication--Metallurgical effects

M. G.

Card 1/1

SAVITSKIY, K.V.; KOQAN, Yu.I.; KUDRINA, M.P.

Wear resistance of U12 steel subjected to the formation of "white" layers. Izv. vys. ucheb. zav.; fin. no.6:35-37 '60. (MIRA 14:3)

1. Sibirskiy fiziko-tekhnicheskii institut pri Tomskom gosuniversitete imeni V. V. Kuybysheva.

(Steel—Metallography)

SAVITSKIY, K.V.; KOZAN, Yu.I.

Deformation of supercooled austenite of carbon steel caused by  
friction. Tren.i ish.mash. no.15:211-226 '62. (MIRA 15:4)  
(Austenite-Testing)

SAVITSKIY, K.V.; KOGAN, Yu.I.; KUDRINA, M.P.

Thermal softening of "white films." Izv. vys. ucheb. zav.; fiz.  
no.4:166-170 '63. (MIRA 16:9)

1. Sibirskiy fiziko-tekhnicheskiy institut pri Tomskom gosudarstven-  
nom universitete imeni V.V.Kuybysheva.  
(Steel metallurgy)

SAVITSKIY, K.V.; KOGAN, Yu.I.

Nature of white layers. Fiz. met. i metalloved. 15 no.5:664-  
672 My '63. (MIRA 16:8)

1. Sibirskiy fiziko-tekhnicheskiy nauchno-issledovatel'skiy  
institut.

(Steel-Metallography)  
(Phase rule and equilibrium)

SAVITSKIY, K.V.; KOGAN, Yu.I.; KUDRINA, M.P.

Effect of white films on the durability of steel. Izv. vys. ucheb.  
zav., fiz. no.6:158-161 '63. (MIRA 17:2)

1. Sibirskiy fiziko-tekhnicheskoy institut pri Tomskom gosudarstvennom  
universitete imeni Kuybysheva.

SAVITSKIY, K.V.; KOGAN, Yu.I.; KUDRINA, M.P.

Noncorrodibility of "white layers." Izv.vys.ucheb.zav.; fiz.  
no. 2:177-178 '64. (MIRA 17:6)

1. Sibirskiy fiziko-tekhnicheskii institut pri Tomskom  
gosudarstvennom universitete imeni Kuybysheva.



KUZNETSOV, V.D. [deceased]; SAVITSKIY, K.V.; KOGAN, Yu.I.; KUDRINA, M.P.

Thermal recovery of ghost lines. Izv. vys. ucheb. zav.; chern.  
met. 7 no.8:129-134 '64. (MIRA 17:9)

1. Sibirskiy fiziko-tehnicheskoy nauchno-issledovatel'skiy  
institut.

SAVITSKIY, K.V.; KOGAN, Yu.I.; KUDRINA, M.P.

Causes of the inability of chilled layers to undergo etching.  
Fiz. Met. i metalloved. 17 no.4:541-546 Ap '64.

(MIRA 17:8)

1. Sibirskiy fiziko-tekhnicheskii institut.

KOGAN, YU. M.

8/089/62/013/006/019/027  
B102/B186

AUTHORS: G. T. and M. R.

TITLE: Nauchnaya konferentsiya Moskovskogo inzhenerno-fizicheskogo instituta (Scientific Conference of the Moscow Engineering Physics Institute) 1962

PERIODICAL: Atomnaya energiya, v. 13, no. 6, 1962, 603 - 606

TEXT: The annual conference took place in May 1962 with more than 400 delegates participating. A review is given of these lectures that are assumed to be of interest for the readers of Atomnaya energiya. They are following: A. I. Leypunskiy, future of fast reactors; A. A. Vasil'yev, design of accelerators for superhigh energies; I. Ya. Pomeranchuk, analyticity, unitarity, and asymptotic behavior of strong interactions at high energies; A. B. Migdal, phenomenological theory for the many-body problem; Yu. D. Fivovskiy, deceleration of medium-energy antiprotons in matter; Yu. M. Kogan, Ya. A. Iosilevskiy, theory of the Mössbauer effect; M. I. Ryazanov, theory of ionization losses in nonhomogeneous medium; Yu. B. Ivanov, A. A. Rukhadse, h-f conductivity of subcritical plasma;

Card 1/4

BELOZERSKIY, S.S.; GUN, R.B.; BIRYUKOV, V.V.; KOGAN, Yu.S.

New flow diagrams for the automatic control of simple rectification columns..Nefteper. i neftekhim. no.5:43-45 '65. (MIRA 18:7)

1. Spetsial'noye konstruktorskoye byuro po avtomatike v neftepererabotke i neftekhimii.

ALEKSANDROV, I.A.; SHEYNMAN, V.I.; KOGAN, Yu.S.; SHVETS, Ye.M.;  
Prinimali uchastiye: VOI'SHANCK, Yu.Z.; LIZUNKOV, V.P.;  
SEREGINA, A.P.; KAZAKOVA, L.I.; MUSATOVA, Z.D.

Hydrodynamics of plates made of S-shaped elements. Khim.  
i tekhn. topl. i masel 6 no. 7: 38-44 J1 '61. (MIRA 14:6)

1. Giprofteemash.  
(Plate towers)

SHEYNMAN, V.I.; ALEKSANDROV, I.A.; KOGAN, Yu.S.; VOL'SHONOK, Yu.Z.;  
LIZUNKOV, V.P.; SHVETS, Ye.M.

New design of a plate for rectifications columns. Khim.i tekhn.  
topl.i masel 7 no.5:54-60 My '62. (MIRA 15:11)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut  
neftyanogo mashinostroyeniya.  
(Plate towers)

SHEYNMAN, V.A., inzh.; KOGAN, Yu.S., inzh.; ALEKSANDROV, I.A., kand.  
tekhn.nauk

Comparative hydromatic tests of plates of various designs. Khim.  
mashinostr. no.3:15-17 My-Je '63. (MIRA 16:11)

DEGTYAROVA, A.S.[Dehtiar'ova, A.S.], kand. biol. nauk; PERESIPKIN, V.F.[Perasyypkin, V.F.], doktor biol. nauk; prof.; BURKATSKAYA, O.M.[Burkat's'ka, O.M.], kand. med. nauk; SPINU, I.I., kand. med. nauk; KOGAN, Yu.S.[Kohan, IU.S.], kand. med. nauk; MEYSAKHOVICH, Ya.O.[Melsakhovych, IA.O.], kand. tekhn. nauk; SANIN, V.A., kand. sel'khoz. nauk; TARANUKHA, M.D., kand. biol. nauk; ZAGOVORA, O.V. [Zahovora, O.V.], kand. sel'khoz. nauk; ARESHNIKOV, B.A. [Areshmykov, B.A.], kand. biol. nauk; SALUNSKAYA, N.I. [Saluns'ka, N.I.], kand. biol. nauk; KOLOBOVA, A.M., kand. sel'khoz. nauk; KITITSYN, IE.M.[Kitytsyn, IE.M.], kand. sel'khoz. nauk; TELENQA, M.A.[Telenha, M.A.], doktor biol. nauk, prof.; POPQVA, O.O., kand. sel'khoz. nauk; MISKO, L.A.; ZRAZHEVSKIY, A.I.[Zrashevs'kyi, A.I.], kand. sel'khoz. nauk; DYADECHKO, M.P., kand. sel'khoz. nauk; LOPATIN, V.M., kand. biol. nauk; MARKHASEVA, V.A.[Markhas'ova, V.A.], kand. sel'khoz. nauk; FEDOTOVA, K.M., kand. sel'khoz. nauk; TSELLE, M.O., kand. biol. nauk; VASIL'YEV, V.P.[Vasil'iev, V.P.], doktor biol. nauk, prof.; SHISHKOVA, M.I.[Shyshkova, M.I.], kand. sel'khoz. nauk; MARICHEK, Yu.Y.[Marychek, IU.I.], kand. sel'khoz. nauk; SHTERENBERG, P.M.[Shterenberh, P.M.], kand. sel'khoz. nauk; DMITRIYEV, Yu.V., kand. biol. nauk; LOZINSKIY, V.A.[Lozysn's'kyi, V.A.], kand. biol. nauk; BRATUS', V.M., kand. sel'khoz. nauk; SOKUR, I.T., doktor biol. nauk; BOLOTIN, K.M.; SAVCHENKO, IE.M., red.; NEMCHENKO, I.IU., tekhn. red.

(Continued on next card)



FEYGIN, S.A.; BASOV, A.N.; KOSTYUKOVSKAYA, S.B.; MELIP-AKHNAZAROV, T.Kh.;  
KLEVLEYEV, M.A.; KOGAN, Yu.S.

Economic evaluation of the efficiency of alternatives for remodeling  
existing catalytic cracking units. Nefteper. i neftekhim. no.10:  
11-14 '64. (MIRA 17:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke  
nefti i gaza i polucheniya iskusstvennogo zhidkogo topliva.

KOGAN, Yu. Ya.

"Stabilization Process of Controllable Automobile Wheels." Thesis for degree of Cand. Technical Sci. Sub 23 Sep 49, Moscow Automotive Mechanics Inst.

Summary 82, 18 Dec 52, Dissertations Presented for Degrees in Science and Engineering in Moscow in 1949. From Vechernyaya Moskva, Jan-Dec 1949.

KOGAN, Z.

Second plenary session of the Central Administration of the  
Scientific Technological Society of the Oil and Gas Industry.  
Neft. khoz. 42 no.6:66-67 Je '64. (MIRA 17:8)

KOGAN, Z.

Third Conference of the Scientific and Technical Society of the Oil  
and Gas Industry. Neft. khoz. 42 no.2:71-72 F '64. (MIRA 17:3)

KOGAN, Z.

In the Scientific and Technical Society of the Petroleum and Gas  
Industry. Gazprom. no. 5:55 '63. (MIRA 16:6)  
(Petroleum industry--Congresses) (Gas industry--Congresses)

KOGAN, Zinoviy Abramovich; PRESLER, K.Kh., red.; FREGER, D.P., red.  
1zd-va; BELOGUROVA, I.A., tekhn. red.

[Preservation and packaging of industrial equipment for  
regions with tropical climate; lecture transcription]Kon-  
servatsiia i upakovka promyshlennogo oborudovaniia dlia  
raionov s tropicheskim klimatovm; stenogramma leksi. Le-  
ningrad, 1962. 54 p. (MIRA 15:8)  
(Industrial equipment—Packing)

KOGAN, Z.A.

Fourth Plenum of the Central Administration of the  
Scientific and Technical Society of the Petroleum and  
Gas Industry. Khim. i tekhn. topl. 1 masel 10 no.11:62.  
N '65.

(MIRA 19:1)

KOGAN, Z. B.

AID P - 1530

Subject : USSR/Electricity

Card 1/1 Pub. 26 - 26/36

Author : Kogan, Z. B., Eng.

Title : Adjusting disc packing of a hydrogen cooled steam turbine.

Periodical : Elek. sta., 3, 54-56, Mr 1955

Abstract : The author describes the adjustments made at one of the power stations of the Lenenergo power system on a turbogenerator of the TB-25-2 type, produced by the factory "Elektrosila". Two drawings, 1 diagram

Institution: None

Submitted : No date



KOGAN, Z.B., inshener; FINK, L.Ya., inshener.

Combination screw conveyor vacuum press SM-446. Stroi. i dor. mashinostri. i no. 3: 16-18 Mr '56. (MLRA 10:1)  
(Ceramics) (Power presser)

KOGAN, Z.B., inzhener.

New vacuum press for making porcelain insulation products. Stroi.  
i mashinost. no.2:12-13 F '57. (MLBA 10:3)  
(Insulating materials) (Power presses)

LIPKIND, G.I.; IVAKHENKO, P.V.; KOGAN, Z.B.

Mechanization in the sector of veneering pencils. Der.prom. 6 no.1:  
21-22 Ja '57. (MLRA 10:2)

1. Fanernyy zavod "Furniyers."  
(Pencils)

KOGAN, E.B., insh.

The SM-294 press used for shaping earthenware. Stroi.i dor.mashinostr.  
2 no.9:22-23 S '57. (MIRA 10:11)

(Power presses) (Clay industries)

KOGAN, Z.B., inzhener.

Preparing to produce superpower turbogenerators. Energetik 5  
no.8:1-2 Ag '57. (MIRA 10:10)  
(Turbogenerators)

*negat. 6. B.*  
KOGAN, Z.B., inzh.; TITOV, V.V., kand.tekhn.nauk

Turbogenerators with forced oxygen cooling. Elek.sta. 28 no.10:48-50  
'57. (MIRA 10:11)

(Turbogenerators)

ROGOVOY, M.I.; GEL'TMAN, A.Z.; KOGAN, Z.B.; RAKHIMILEVICH, Ye.A.;  
SILENOK, S.G., inzh., ~~revisent~~; BULATOV, S.I., red.  
izd-va; UVAROVA, A.F., tekhn. red.; TIMOFEYEVA, N.V.,  
tekhn. red.

[Equipment for the overall mechanization of the manufacture  
of wall ceramics] Oborudovanie dlia kompleksnoi mekhaniza-  
tsii proizvodstva stenovoi keramiki. Moskva, Izd-vo  
"Mashinostroenie," 1964. 203 p. (MIRA 17:4)

KOGAN, Z.M.

Variability of the oocysts of the chick coccidium *Elmeria necatrix*  
and factors determining it. Zool. zhur. 44 no.7:986-996 '65.

(MIRA 18:9)

1. Belorusskaya sel'skokhozyaystvennaya akademiya, Gorki Belorus-  
skiye.



KOGAN, Z.M.

Influence of the soil layer on oocyst sporulation in the coccidia of chicks [with English summary in insert]. Zool.shur. 35 no.10:1454-1458 0 '56. (MIRA 10:1)

1. Kafedra zoologii Belorusskoy Sel'skokhozyaystvennoy akademii.  
(Coccidiosis) (Poultry—Diseases and pests)

KOGAN, Z. M.

Viability of oocysts of chick coccidia following repeated hibernation under natural conditions in White Russia. Zool.shur. 39 no.4: 617-618 Ap '60. (MIRA 13:11)

1. Zoological Department of the Byelorussian Agricultural Academy, Gorki Byelorusekiye.  
(White Russia--Coccidia)

KOGAN, Z.M.

Effect of sulfonamides administered to chicks on the sporulation capacity of oocysts of the chicken coccidia *Eimeria necatrix*,  
Zool.shur. 39 no.7:978-983 J1 '60. (MIRA 13:7)

1. Department of Zoology, Belorussian Agricultural Academy, town of Gorki, Mogilev region.

(Coccidiosis)

(Poultry--Diseases and pests)

(Sulfonamides)

KOGAN, Z.M.

Variability of the form of the oocysts of chicken Coccidia  
and its biological significance. Zool. zhur. 41 no.9:  
1317-1326 S '62. (MIRA 15:11)

1. Chair of zoology, Belorussian Agricultural Academy,  
Gorki Belorusskiye.  
(Coccidium) (Parasites—Poultry)

KOGAN, Z. Ye.		30	
<p>Continuous removal of gases from synthetic latex.  B. M. Volovik, Z. R. Kogan, and A. N. Kalash. Russ.  87,822, Sept. 30, 1950. The mass coming from the poly-  merization app. is stored in vacuo or in a current of water  vapor or inert gas.</p>			
<p>ALU-55A METALLURGICAL LITERATURE CLASSIFICATION</p>			
<p>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100</p>			

*Kogin, Z. Ye*

POKHOROVSKIY, A.D.; KOGAN, Z.Ye, inzhener, retsentsent; KOLLI, A.Ya., inzhener,  
redaktor; POPOVA, S.N., tekhnicheskiy redaktor

[Reading devices in coordinate boring machine tools; construction,  
adjusting, and repair] Otschetnye mekhanizmy koordinatno-rastochnykh  
stankov; tekhnologiya, nastroyka i remont. Moskva, Gos.nauchno-tekhn.  
izd-vo mashinostroitel'noi lit-ry, 1955. 127p. (MIRA 9:3)  
(Machine tools)

KOGAN-ABEZGUZ, R.M.

Culture of viruses and serologic diagnosis of trachoma. Vest. oft.  
34 no.2:7-11 Mr-Apr '55. (MIRA 8:7)

1. Iz glaznoy kliniki (dir. deystv. chlen AMN SSSR prof. V.V.Chir-  
kovskiy) i Leningradskogo meditsinskogo instituta i otdela virus-  
ologii (zav. chlen-korrespondent AMN SSSR prof. A.A.Smorodintsev)  
Instituta eksperimental'noy meditsiny.

(TRACHOMA, diagnosis,  
serol.)

(TRACHOMA, virus,  
culture)

(VIRUSES,  
trachoma, culture)

(SERODIAGNOSIS, in various diseases,  
trachoma)

KOGAN-ABEZGUZ, R.M.

Present-day views on the causative organisms of trachoma. Vop. klin.  
i eksp.oft. no.2:139-151 '59. (MIRA 14:11)  
(CONJUNCTIVITIS, GRANULAR)



KOGAN-BIELETSKIY, G.

AID P - 1557

Subject : USSR/Aeronautics

Card 1/1 Pub. 135 - 10/18

Author : Kogan-Bieletskiy, G., Guards Engineer Lt. Col., Kand. of  
Tech. Sci.

Title : Determination of cloud limits from aircraft

Periodical : Vest. vozd. flota, 2, 53-57, F 1955

Abstract : The author stresses the advantages of cloud observations  
from aircraft, discusses various methods of observation  
and indicates errors. He gives a few examples.  
Photo, diagram

Institution: None

Submitted : No date

KOGAN-BELETSKIY, G.I., kandidat tekhnicheskikh nauk gvardii inzhener-  
porokovnik

About an important inaccuracy in standard atmosphere. Vest.Vost.Vl.  
39 no.9:96 8 '56. (MLRA 10:1)  
(Atmosphere) (Navigation (Aeronautics))

KOGAN- BELET'SKIY, G.

Selection of a safe flight altitude. Grazhd. av 13 no.10:14-15 0 '56.  
(Airplanes--Piloting) (MIRA 10:1)

KOJAN-BALPITSKIY, O.I., kandidat tekhnicheskikh nauk (Leningrad).

Nature of ball lightning. Priroda 46 no.6:71-73 Je '57.

(MLRA 10:7)

(Lightning)